



SAN DIEGO STATE
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Georgia

November 17, 2017
SDSU 224-11-2017

Magda Magradze
Chief Executive Officer
Millennium Challenge Account – Georgia

Dear Ms. Magradze,

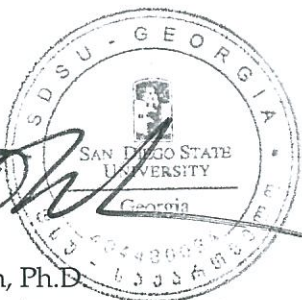
Please find enclosed herewith meeting notes from recent Progress Report presentation held on 9 November, 2017, as a deliverable for the Provision of Degree Accreditation and Institutional Support Initiative for Science, Technology, Engineering, and Mathematics.

Materials provided include a copy of the final presentation and meeting notes from the discussion at the meeting. An electronic version of the presentation was previously submitted shortly after the meeting.

Please feel free to contact me if you have any questions.

Sincerely,

Kenneth D. Walsh, Ph.D.
Dean, SDSU-Georgia



W-524
17.11.2017



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T

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M

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Progress Report

September, 2017





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E

ENGINEERING

M

MATH

Convocation 2017





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T

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E

ENGINEERING

M

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T

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E

ENGINEERING

M

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Town Hall Meeting





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E

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SDSU Georgia Board Meeting





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M

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Natia Inadze, Student with the highest exam scores enrolled SDSU-G

[/edu.aris.ge/news/vin-arian-2017-wlis-yvelaze-magalquliani-abiturientebi.html](http://edu.aris.ge/news/vin-arian-2017-wlis-yvelaze-magalquliani-abiturientebi.html)

14 სექტემბერი, 2017

ვინ არიან 2017 წლის ყველაზე მაღალქულიანი აბიტურიენტები

ყველა სიახლე | ARIS.GE-განათლება



ქიმია-ბიოქიმიის სპეციალისტი გახდება 2017 წლის ეროვნული გამოცდების ყველაზე მაღალქულიანი აბიტურიენტებს შორის ორი აბიტურიენტი, რომლებმაც სრული სახელმწიფო დაფინანსებაც მოიპოვეს და შიდა საუნივერსიტეტოც.

ამზობენ, რომ მოინდომეს და დაუფასდათ და იმედს გამოთქვამენ, რომ მათი სახით საქართველოს, რამდენიმე წლის შემდეგ, წარმატებული მეცნიერები შეემატება.



TV პირველი

პირველი

ნათია ინაძე

სან დიეგოს უნივერსიტეტის სტუდენტი

LIVE

11:42



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	2015-2016 (1 st cohort)	2016-2017 (2 nd cohort)	2017-2018 (3 rd cohort)	TOTAL RECRUITED STUDENTS
Total	84	126	201	411
Georgians	81	115	179	375
International	3	11	22	36 (9%)
Male	65	70	144	
Female	19	56	57	132 (32%)

3rd COHORT International Students

	International Students
Total	22
Iran	10
Pakistan	3
Turkey	2
China	2
Azerbaijan	2
Kazakhstan	1
USA	2



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Recruitment Highlights

	2015-16	2016	2017
Total	84	126	206
Georgians	81	115	183
International	3	11	23
Male	65	70	145
Female	19	56	58
STATISTICS FOR GEORGIAN CITIZENS			
# of students (Tbilisi)	57	82	127
# of students (Regions)	24	33	56
# of students (public)	61	75	130
# of students (private)	20	36	53
# of students (SV status)	27	20	39
Total # public schools	28	54	82
Total # of private schools	17	27	28
CHEM	17	37	37



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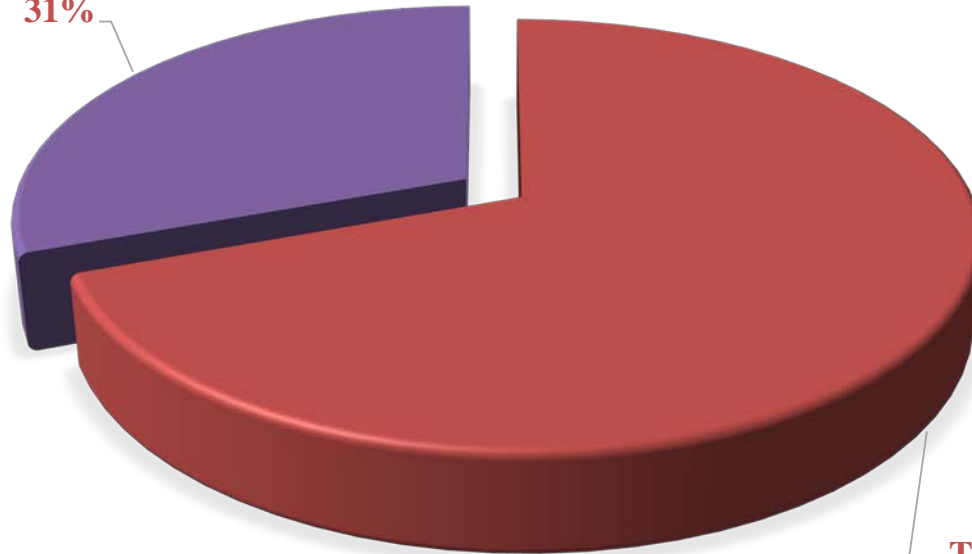
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GEORGIAN STUDENTS DISTRIBUTION TOTAL 183

Regions
31%



Tbilisi
69%



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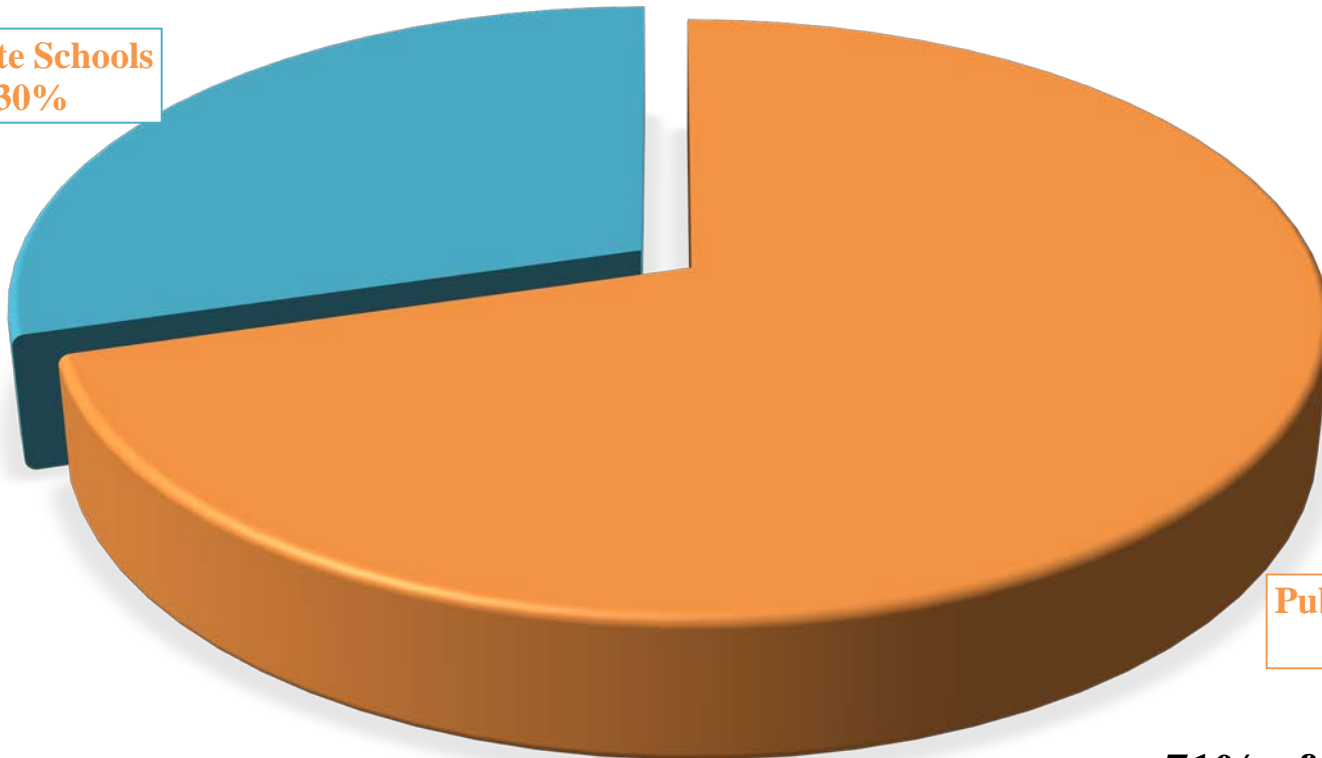
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SCHOOLS DISTRIBUTION (GEORGIA)
TOTAL OF 110 SCHOOLS

29 % of the students

Private Schools
30%



Public Schools
70%

71% of the students



of students from Feeder Schools

	High School	2015-2016 (1 st cohort)	2016-2017 (2 nd cohort)	2017-2018 (3 rd cohort)
1	American Academy - GZAAT	0	2	1
2	Buckswood International School	1	2	0
3	Logos	0	1	0
4	Demirel College	1	4	8
5	Servantes GESS	1	1	9
6	Newton School	1	1	1
7	European School / American H. (IB)	2	2	1
8	New School --- (IB)	1	1	0
9	QSI (MOU)	1	1	0
10	School of Tomorrow (MOU)	1	0	1
11	Vekua #42	10	8	11
12	Robert Schumann European School	1	2	0
13	Komorov #199	8	8	13
14	Kutaisi Math & Physics School #41	5	4	5
15	#1 First Experimental	4	3	1
16	#1 Gymnasium	2	1	1
17	Georgian American High School-Kutaisi	0	0	1
	TOTAL	40	41	53



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NAEC Exams

NAEC subject	SDSU-G	Minimum Requirements
Georgian Language	25%+1	25%+1
G A	40%+1	29%+1
English	75%+1	20%+1
Math	50%+1	23%+1
Physics	40%+1	24%+1
Chemistry	50%+1	24%+1
Biology	64%+1	25%+1

# of senior students in High Schools in Georgia (2016-17)	38,808
# of students registered to take NAEC exams	41,200
# of students who took the NAEC exams	39,000
15% of the students failed General Aptitude test	-5,850
NUMBER OF QUALIFIED STUDENTS FOR UNIVERSITY PLACEMENT	33,150
Number of Students Enrolled (2017 NAEC)	28,000
# SDSU qualified NAEC MATH test takers (out of 7,500 total)	1,400
# SDSU qualified NAEC PHYSICS test takers (out of 800 total)	400



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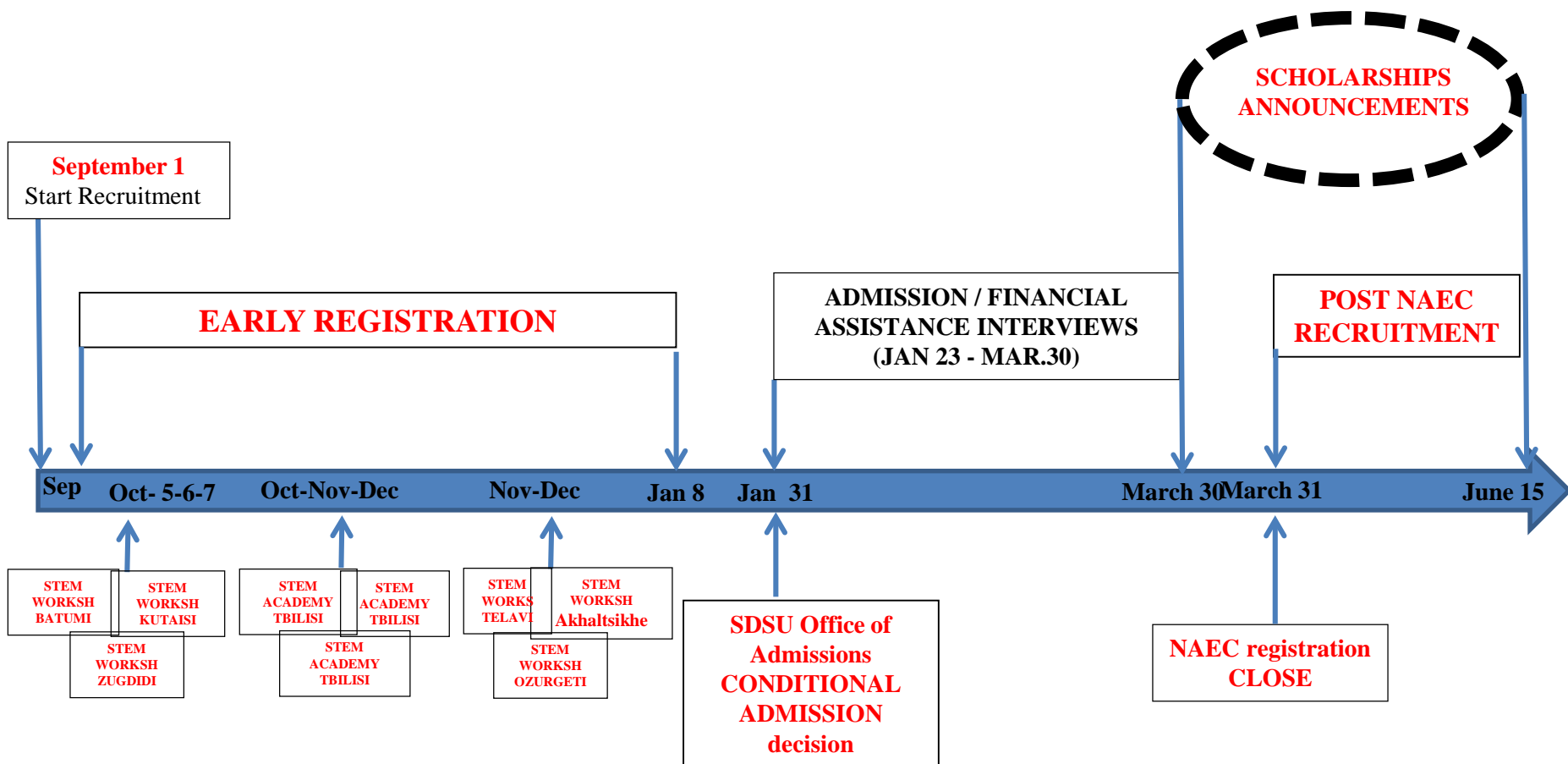
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Fourth Cohort Timeline





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9 STEM ACADEMIES / WORKSHOPS SCHEDULED*

- **October 4-7:** Three STEM Workshops are being organized in the western regions (Batumi, Kutaisi, Zugdidi). Zugdidi academy will be at GITA- Zugdidi.
- **October 16- December 16:** Three STEM Academies are planned at GITA- Tbilisi.
- Under consideration :
 - One STEM Workshop in Telavi
 - One STEM Workshop in Akhaltsikhe
 - One STEM Workshop in Ozurgeti

* Afternoon session includes Parents



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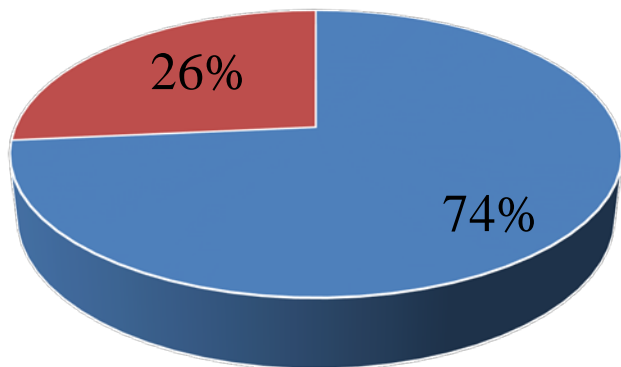
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Parents Questionnaire

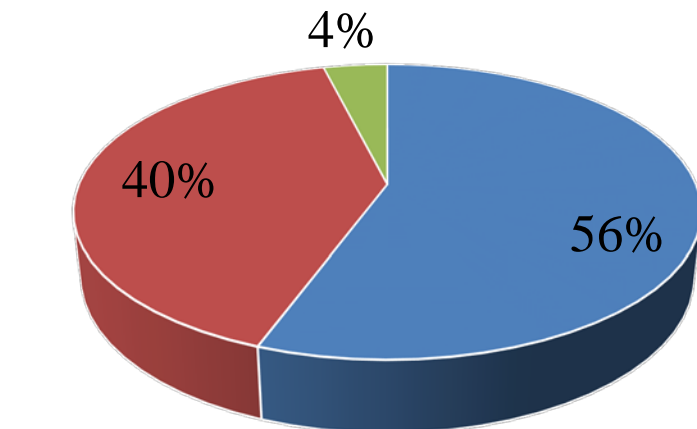
(n= 854)

Is your child interested in any of the following subjects: Physics, Math, Chemistry?



■ Yes ■ No

What is the level of English of your child?



■ Advanced ■ Average
■ Does not speak



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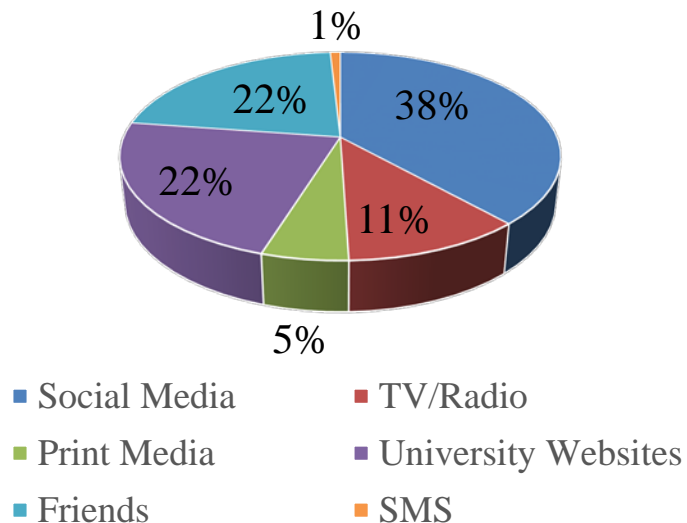
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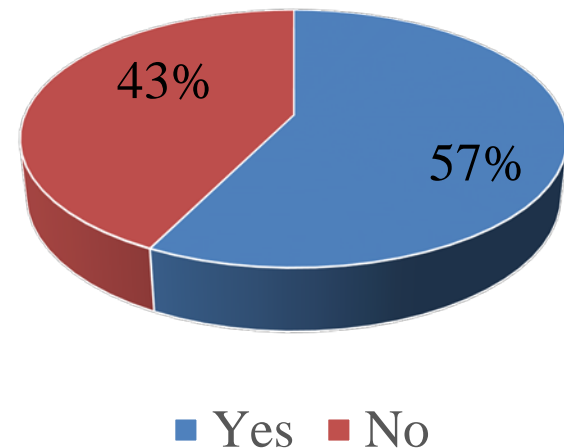
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Parents Questionnaire

**How do you receive
information on University
programs?**



**Have you heard about SDSU
Academic programs in
Georgia?**





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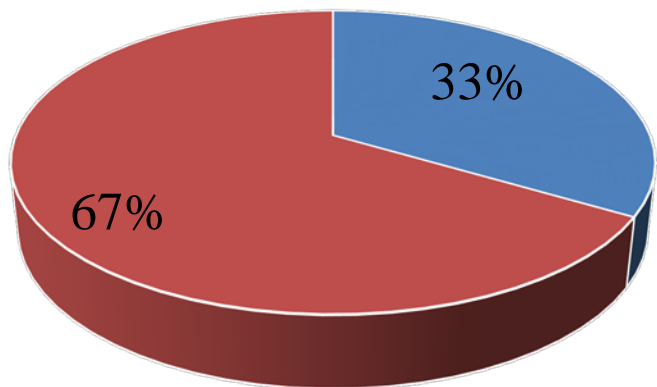
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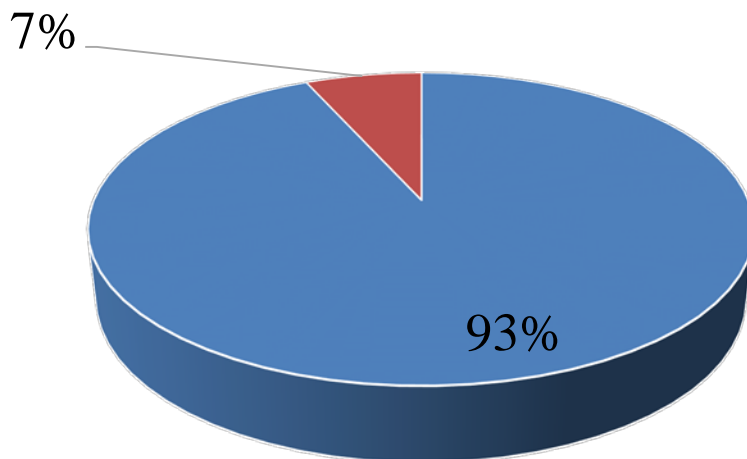
Parents Questionnaire*

**Do you attend Education
expos?**



■ Yes ■ No

**Would you attend university
lab tours?**



■ Yes ■ No

* 503 parents left their e-mail addresses and said they can be contacted.



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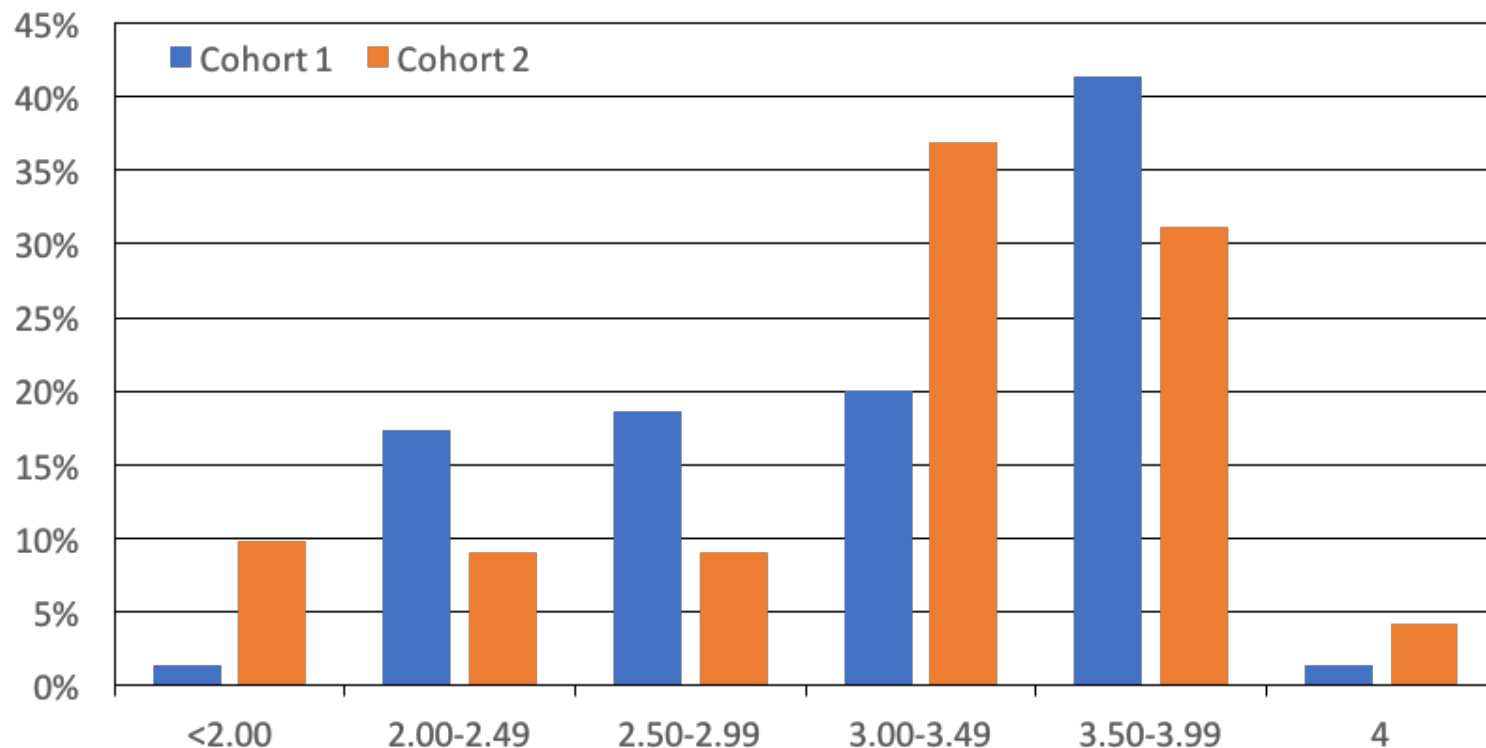
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Academic Performance

Frequency Histogram, Cumulative GPA





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Continuing Enrollment

Major	Number of Students									
	1st cohort	2nd cohort	3rd cohort	TSU	ISU	GTU	Women	Int'l	S/S	
Electrical Engineering	15	13	28	40	10	6	11	6	4	
Computer Engineering	41	29	32	74	18	10	28	6	12	
Chemistry	17	30	40	84	0	3	53	4	10	
Computer Science	1	41	56	98	0	0	27	6	8	
Civil Engineering	0	1	26	0	0	27	7	4		
Construction Engineering	0	1	19	0	0	20	6	0		
Totals (semester start)	74	115	201	296	28	66	132	26	34	



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Continuation Rates

	Cohort	Start of Academic Year	New students Added	Probation	DQ	Left	End of Academic Year	Continuation Rate
15/16	1	81	4	2 Fall, 5 Spring	2	2	81	$81/85=95.3\%$
16/17	1	81	0	3 Fall, 0 Spring	5	3	73	$73/81=90.1\%$
	2	125	1	17 Fall, 5 Spring	5	4	117	$117/125=93.6\%$



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Fall 2017

Sept 18

Dec 15

Dec 18 – Dec 23

BIO 203/203L

CHEM 100/232/232L/560

CIV E 100

COMPE 160/270/375/361

CS 108

ECON 102

EE 310/330/330L/340

HIST 100

LING 94/100/200/305W

MATH 141/150/151/245

PHIL 101/232

PHYS 195/195L/196/196L

POL S 101

STAT 250

Final Exams



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Subgroup Comparisons

Cohort	Spring 2017 GPA	Cum. GPA	Women Cum. GPA	Men Cum. GPA	SS Cum. GPA	Non-SS Cum. GPA
1	3.03	3.20	3.34	3.15	3.32	3.17
2	3.19	3.09	3.21	3.00	3.04	3.10

	Overall Average Year I	Women Year I	Men Year I	Students of Color Year I	All Others Year I
GPA	2.92	3.01	2.80	2.83	3.02
Cont. Rate	87.5%	87.5%	87.4%	87.6%	87.4%



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Outcomes on Academic Standing

	Cohort 1	Cohort 2
Fall 15	2 put on probation	
Spring 16	5 put on probation 2 disqualified	
Fall 16	3 put on probation 1 left SDSU, 4 disqualified	17 on probation
Spring 17	0 put on probation 2 back to good standing 1 disqualified	5 on probation 5 back to good standing 3 remain on probation 4 left SDSU, 5 disqualified



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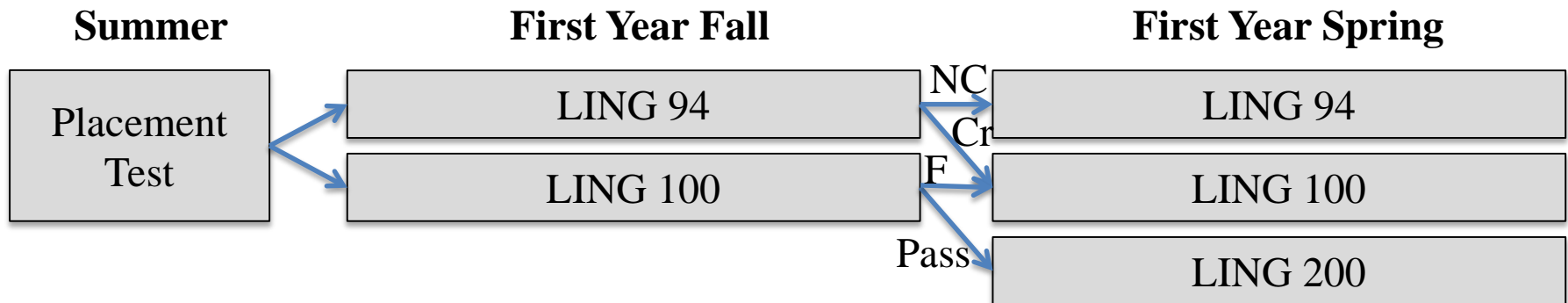
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Linguistics Track





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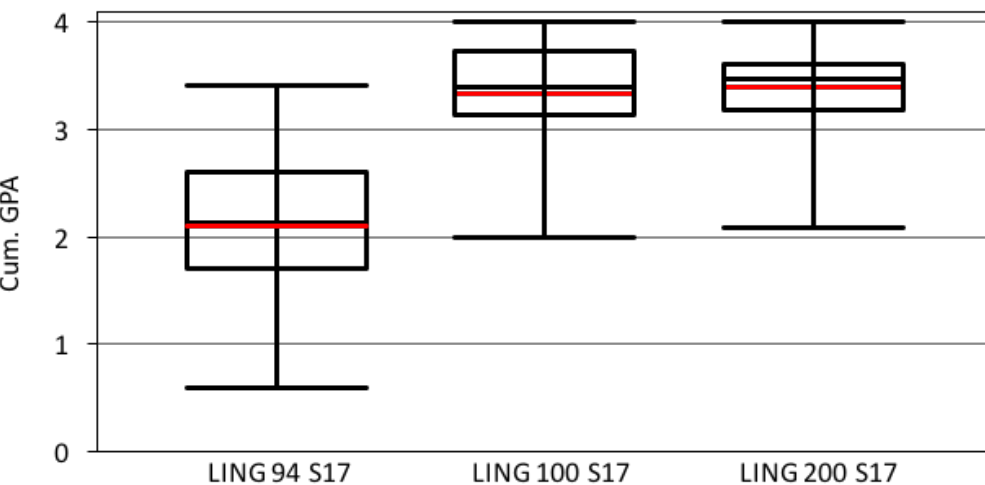
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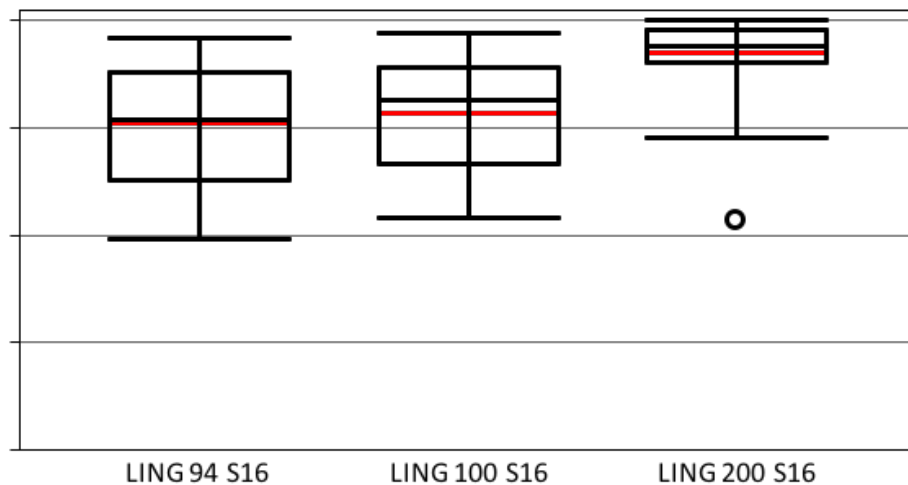
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Performance

Cumulative GPA for Cohort 2 by Ling Subgroup



Cumulative GPA for Cohort 1 by Ling Subgroup





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Intervention

- Moved English placement testing to early August
- Intensive English work with those testing into Linguistics 94
- Repeated placement testing with that group last week
- Initial results are very positive



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ELA Intervention Results



162 students took the English placement test.

- 90 scored high enough to test out of Ling 94.
- 72 students took the Ling 94 pre-session.

At the end of the summer ELA, 26 students (out of 72) scored high enough to be moved to Ling 100.



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Faculty Development

- 60 visitors to San Diego so far
- Extensive visits
- Co-teach, use equipment
- Teaching methods and approaches





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ABET FOUNDATION VISIT (SEPT 18 – SEPT 30)

MCA invited three experts (Computer science / engineering; civil / construction engineering; electrical / electronics engineering), to assess progress made by the partner universities since ABET Foundations' last visit in 2013.

ABET Foundation team reviewed 4 programs which had PSSRs ready:

GTU Civil Engineering

GTU Electrical-Electronics Engineering

TSU Computer Science

TSU Electrical Engineering



ABET Foundation also met ISU staff and shared preliminary views with them on how to move forward on ABET preparation of their new STEM programs.

ABET Foundation team also conducted two workshops (at GTU and TSU) on how to prepare a self-study report; and made courtesy visits to partner university rectors.





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ABET FOUNDATION VISIT (SEPT 18 – SEPT 30) OUTCOMES



1. ABET Foundation team made preliminary remarks that they found substantial progress since their visit in 2013.



2. ABET Foundation team will submit their visit report to MCA in mid-October, which is expected to include specific recommendations for the 4 programs they reviewed.
3. It is expected that the team will come for a follow-up visit in April 2018. In the meantime, partner universities will collect data for outcome based assessment for the four programs.



4. In April 2018, the team will re-assess the four programs' readiness for ABET. If all in order, GTU and TSU will prepare ABET Readiness Reports for the four programs and send them to ABET for review. Deadline for submission of ABET Readiness Report is October 1, 2018. However, in preliminary discussions, it is decided to target June 30, 2018 for submission of the ABET Readiness Reports.



Renovation & Construction



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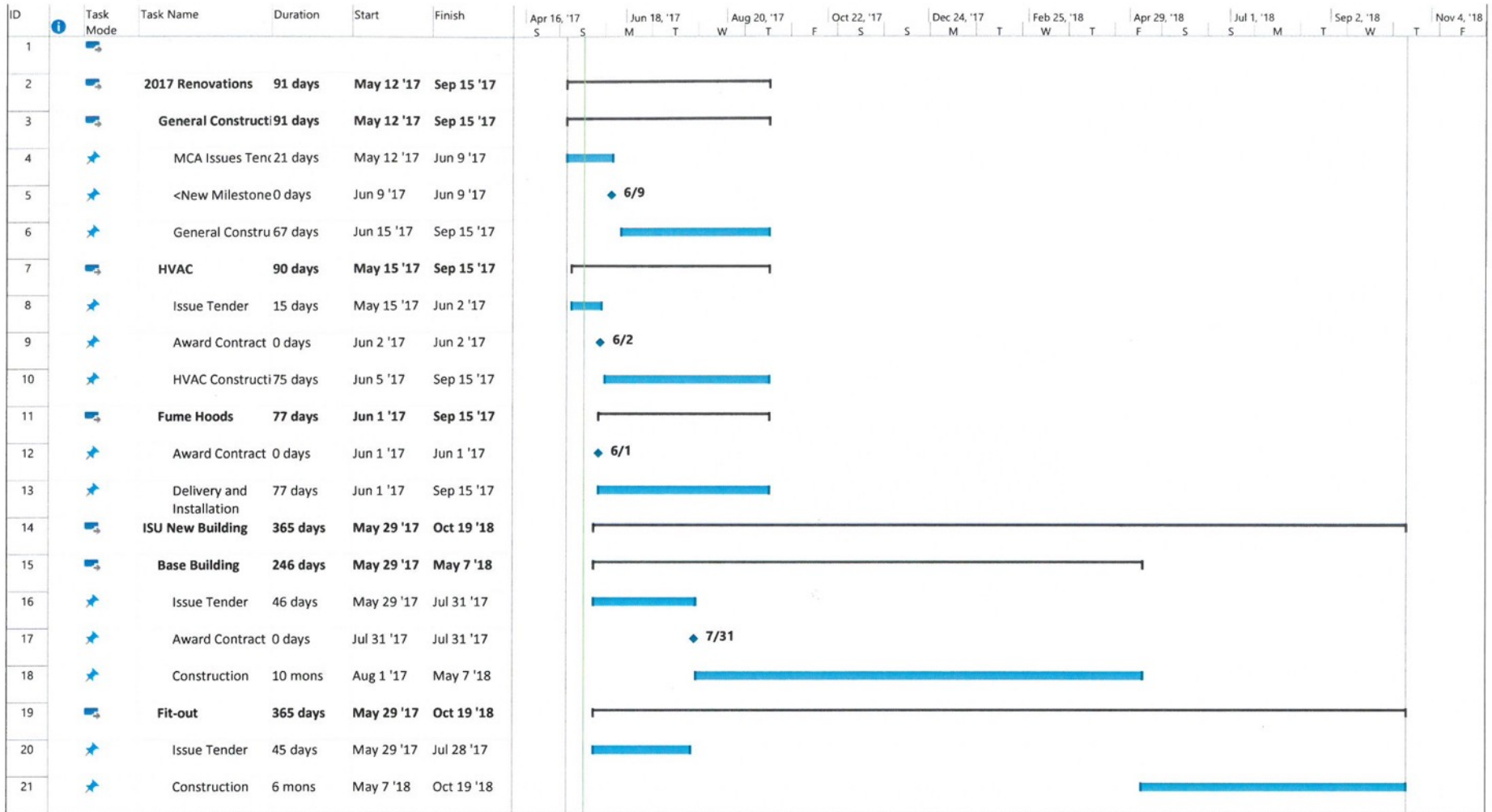
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Project: Schedule
Date: May 23 '17

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			



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Construction of a new academic building under the I phase of the Agreement between the San Diego State University Research Fund and Ilia State University on April 24, 2017

Time schedule

#	Discription of works	Aug-17			Sep-17			Oct-17			Nov-17			Dec-17			Jan-18			Feb-18			Mar-18		
1	Preparatory works (mobilization)																								
2	Construction of reinforced concrete structures (0,10 marks)																								
3	Construction of reinforced concrete structures (5,90 marks)																								
4	Construction of reinforced concrete structures (9,80 marks)																								
5	Construction of reinforced concrete structures (13,70 marks)																								
6	Construction of reinforced concrete structures (17,60 marks)																								
7	Construction of reinforced concrete structures (20,30 marks)																								
8	Facade works																								
9	Construction of reserved concrete reservoir																								
10	External communications works																								
11	Yard arrangement works																								
12	Demobilization																								

Director of "Erker" LLC:

/B. Bochorishvili/



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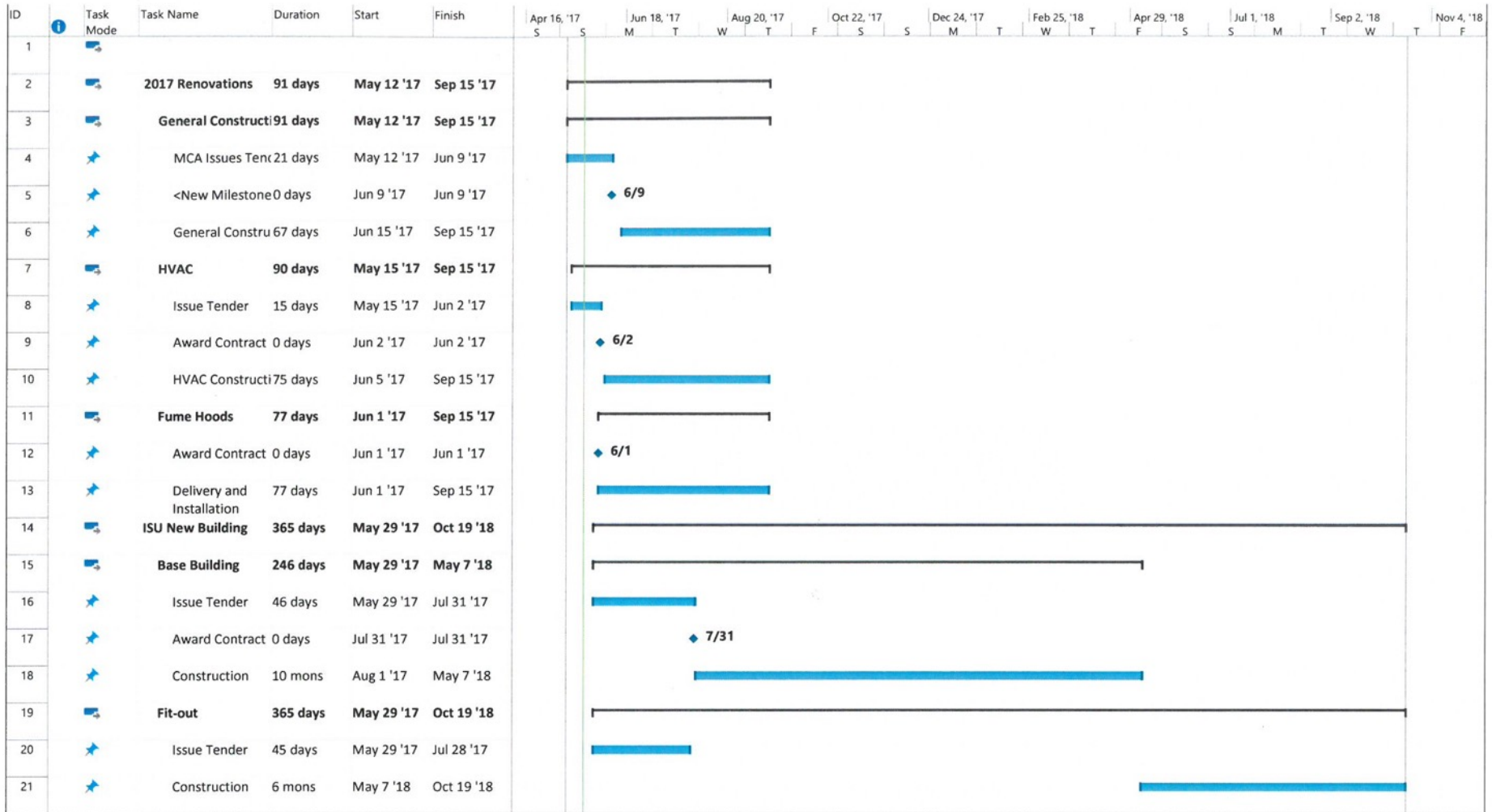
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Project: Schedule
Date: May 23 '17

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			



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2017 RENOVATIONS

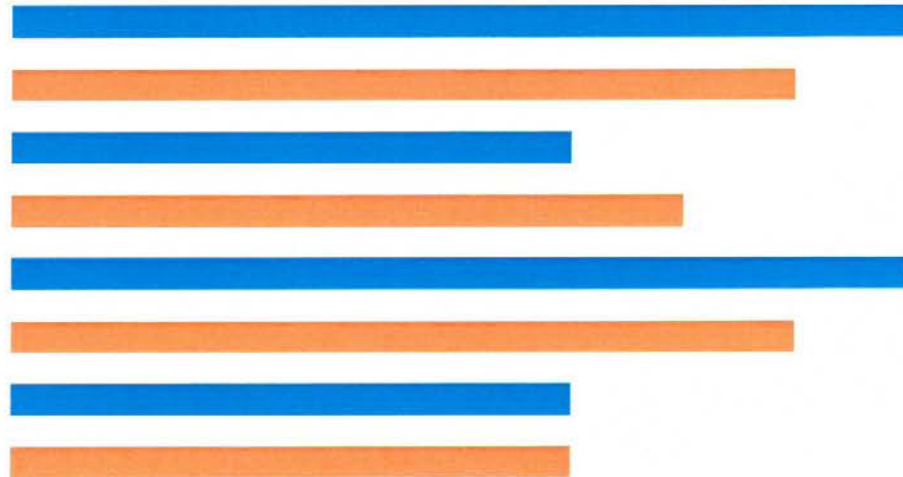
	Start	Finish
TSU-2 Chemistry Labs	Jul 6 '17	Oct 30 '17
Progress	Jul 6 '17	Oct 20 '17
TSU-11 Electric Labs & Classrooms	Jul 6 '17	Sep 20 '17
Progress	Jul 6 '17	Sep 30 '17
TSU-11 Rooms 103-105	Jul 6 '17	Oct 30 '17
Progress	Jul 6 '17	Oct 15 '17
TSU-11 Library Corridor	Jul 6 '17	Sep 20 '17
Progress	Jul 6 '17	Sep 20 '17

July

August

September

October





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Progress on Elevators

Central Library

- Existing Elevators Evaluated
- Market Analysis Underway

TSU-1

- Elevator Included Planned in Building Renovation
- Schedule Unclear

TSU-11

- No Plan or Schedule



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Environmental, Social, Health and Safety Performance July – September 2017

HSE awareness:

- HSE training to AISI key personnel – July 7, 2017
- Stakeholders engagement meeting – July 11, 2017
- HSE training to AISI workers – July 13, 2017

Environment Protection:

- Contract with Waste Management Companies:

- LTD Litex – responsible for transportation and disposal of inert waste in Inert waste landfill

100 tons of construction waste has sent to landfill during the period July – September, 2017

- LTD Eco Service – the company is authorized to transport and store the hazardous waste

695,5 kg lead based pain and 88 units of fluorescent lamps from TSU XI and 194.5 kg lead based paint and 34 units of fluorescent lamps from TSU II were sent to Eco Service Company

- Waste segregation

Construction sites are equipped with waste bins for waste segregation.

SDSUG office delivered to paper recycling company Nergi 98 kg paper waste during July –September, 2017



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Environmental, Social, Health and Safety Performance July – September 2017

Health and Safety:

- Sites HSE arrangements
- Hazardous materials and waste management
- HSE daily induction
- HSE Monitoring

HSE incident and accident:

- Environmental Incident – Spill of hazardous chemical. July 19, 2017. TSU II, enclosure for HVAC equipment
- H&S Accident – Injury of worker. August 23, 2017. TSU II, Chemistry lab N260



Workforce

- First cohort graduates coming out in May of 2019
 - Electrical Engineering (15)
 - Computer Engineering (43)
 - Chemistry (17)
- Significant internship experiences already underway
- Upcoming summer will be decisive for many.



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PPPF Summary

- So far, we have over \$2.5M in scholarship commitments
- Donors include:
 - Cartu Foundation
 - GIG
 - GDI
 - Walsh Family
 - Silk Road Group
 - TBC Bank
 - GM Pharma
 - Bank of Georgia
 - GWP
 - Adjara Group
 - US Embassy
 - Edelman Family



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Procurement Summary

- Replenishment of existing laboratories
- Equipment part for newly renovated Laboratories
- Furnishing part for newly renovated laboratories



Replenishment of Existing Laboratories

TSU II	<i>Chemistry 100/200</i>
TSU II	<i>Chemistry 201</i>
TSU II	<i>Chemistry 232</i>
TSU II	<i>Chemistry 432</i>
TSU II	<i>Chemistry 251</i>

Total

\$

46,460.39



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Equipping and Furnishing Phase of Newly Renovated Labs

EE Lab Equipment

TSU XI	<i>Laboratory 3 Digital Communications</i>	\$	159,400.00
TSU XI	<i>Laboratory 5 Senior Design</i>	\$	53,600.00
TSU XI	<i>Engineering computer classroom</i>	\$	186,269.39
Total		\$	399,269.39



Instumental Chem Lab Equipment

TSU II	NMR	\$	450,000.00
TSU II	Fume Hoods	\$	41,198.33
Total		\$	491,198.33



Furnishing Labs and Classrooms

TSU XI	<i>Laboratory 3 Digital Communications</i>	
TSU XI	<i>Laboratory 5 Senior Design</i>	
TSU XI	<i>Engineering computer classroom</i>	
		\$ 32,161.71
TSU XI	<i>Classroom 102</i>	\$ 3,183.67
Total		\$ 35,345.39



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